C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

5.23.a AGS RF and VHF Cavity Checkout

Text pages 2 through 3

C-A OPM Procedures in which this Attachment is used.		
5.23		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
_____	_____	_____	_____
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Approved: _____**Signature On File**_____ _____
Collider-Accelerator Department Chairman Date

P. Sampson

AGS RF and VHF Cavity Checkout

1. AGS RF and VHF cavity checkout:

[1] Application 'AGSRFBeamControl' operational _____.

[2] 'VHFControl' operational _____.

[3] STORE or desired function file loaded.

[3.1] For the Radial steering _____.

[3.2] For the Frequency steering _____.

[3.3] For the Counterphasing _____.

[3.4] For the Scaler volts per turn _____.

[3.5] For the VHF Cavity _____.

[4] 'LIVE' functions reflect loaded functions.

[4.1] For the AGS RF _____.

Comments_____

[4.2] For VHF Cavity _____.

Comments_____

[5] MUX signals:

	Signal O.K.		Comments/date/time
	Yes	No	
AGS			
RADIAL_STEER	___	___	_____
RF_V_FUNCTION	___	___	_____
DTECT_VECT_SUM	___	___	_____
FREQUENCY_STEER	___	___	_____
COUNTER_PHASE	___	___	_____
RF_VECTOR_SUM	___	___	_____
RF_B_GAP_V	___	___	_____
RF_BC_GAP_V	___	___	_____
RF_C_GAP_V	___	___	_____
RF_D_GAP_V	___	___	_____
RF_DE_GAP_V	___	___	_____
RF_E_GAP_V	___	___	_____

	Signal O.K. Yes	No	Comments/date/time
RF_IJ_GAP_V	___	___	_____
RF_JK_GAP_V	___	___	_____
RF_K_GAP_V	___	___	_____
RF_KL_GAP_V	___	___	_____
HLRF_MN_TUNE_I	___	___	_____

VHF

FORWARD_POWER	___	___	_____
GAP_VOLTS	___	___	_____
REVERSE_POWER	___	___	_____

AGS R.F. Ready and Operating functions for "RFBeamControl" given to the MCR Function name _____ System specialist _____ Date _____

VHF cavity Ready and Operating functions for "VHFControl" given to the MCR Function name _____ System specialist_____ Date _____

Operations Coordinators Signature _____ Date:_____